



The Department of Public Health and Welfare of Missouri
WATER POLLUTION BOARD
112 West High, P.O. Box 154
Area Code 314
Telephone 635-1684
Jefferson City, Missouri 65102

ADDRESS ALL COMMUNICATIONS TO
THE WATER POLLUTION BOARD

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JACK K. SMITH
EXECUTIVE SECRETARY



20.7 Greene County

June 8, 1964

Mr. Paul T. Hickman
Superintendent Sanitary Services
City Hall
830 Boonville Avenue
Springfield, Missouri 65802

Please find enclosed a copy of the State Geologist's report on the lagoon site for the Spring Park Mobile Homes Estate owned by Francis Rogers and located in Springfield, Missouri. I believe this report is self explanatory.

I would like to take this opportunity to thank you for your assistance in this matter.

John Reece

John Reece, E.I.T.
Field Engineer
Missouri Water Pollution Board

JR/ih

3100 S. Cox Rd.

THOMAS R. BEVERIDGE
STATE GEOLOGIST

WILLIAM C. HAYES
ASST. STATE GEOLOGIST



JUN 3 1964
POST OFFICE BOX 250
PHONE CODE 314 364-1752

BUEHLER PARK
ROLLA, MISSOURI 65401

STATE OF MISSOURI
DIVISION OF
GEOLOGICAL SURVEY AND WATER RESOURCES
DEPARTMENT OF BUSINESS AND ADMINISTRATION
June 2, 1964

Mr. Jack K. Smith
Executive Secretary
Missouri Water Pollution Board
112 West High, P.O. Box 154
Jefferson City, Missouri

Dear Mr. Smith;


A field check of the partially constructed lagoon for Spring Park Mobile Homes Estate, NE1/4 SW1/4 Sec. 3, T.20N., R.22W., Springfield, Greene County has been made.

The site has several major geologic drawbacks.

1. The bedrock, Burlington formation, is a cavernous limestone and contains a number of active sink holes in the immediate area.
2. Effluent from the lagoon will be to an intermittent stream which drains into a sinkhole.
3. A private well, for which we have no depth or casing record, is immediately adjacent to the lagoon site. The Burlington formation provides water to shallow, private wells in the Springfield area.

From the geologic aspect the site cannot be approved because of the cavernous condition of the limestone bedrock and its use as a shallow aquifer in Greene County. It is imperative that any lagoon constructed in this area have a minimum of seepage through the finished floor and dikes.

Yours truly,


Kenneth H. Anderson
Geologist

KHA:cj

3100 S. Cox Rd.

20.7 Greene County

June 1, 1964

Warren and Goodin, Incorporated
Engineers-Architects
823 Woodruff Building
Springfield, Missouri

We have been advised by telephone from the State Geologist's office that the waste stabilization lagoon site for the Spring Park Mobile Home Estates in Springfield, Missouri will not be approved under any conditions.

Please be advised that the Missouri Water Pollution Board cannot approve the plans and specifications for this sewage treatment facility.

John Reece, E.I.T.
Field Engineer
Missouri Water Pollution Board

JR/ih

CC: Earl White
Paul Hickman
Francis L. Rogers

3100 S. Oak Rd.

May 29, 1964.

Mr. John Reece,
Field Engineer,
Water Pollution Board,
Jefferson City, Mo.

Dear John:

Reference to your letter of May 22nd to Warren and Goodin,
Consulting Engineers, concerning the lagoon for Francis Rogers:

I am wondering if you have contacted the state geologist to
report on this site and, if so, whether there is any hazard involved
in the discharge to this sink area. We feel that the city cannot
take any further action until his report is received and reviewed
by us.

However, in the meantime, our engineering department is in the
process of reviewing the plans and specifications which were submitted
to us last Wednesday.

Very truly yours,

Paul T. Hickman,
Superintendent Sanitary Services.

PTH:ns

cc-Mr. Windsor Warren,
Warren and Goodin, Incorporated,
Consulting Engineers,
3212 East Sunshine,
Springfield, Missouri 65804

3100 S. Oak Rd.



20.7 Greene County

May 7, 1964

Mr. Francis L. Rogers
R.F.D. 2
Rogersville, Missouri

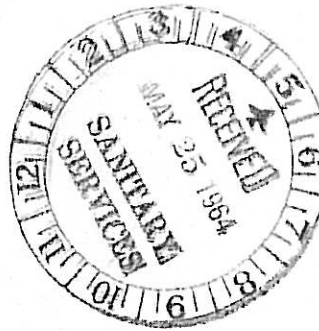
Mr. Earl White, of the Greene County Health Department, informed the Missouri Water Pollution Board on May 7, 1964 that you were constructing sanitary sewerage facilities without a construction permit as required by Chapter 204, Revised Statutes of Missouri, Accumulative Supplement 1957. This is to inform you that you are to immediately cease construction of these sewerage facilities until such time you have received a construction permit from the Missouri Water Pollution Board.

Jack K. Smith
Executive Secretary
Missouri Water Pollution Board

JKS/JRL/ih

CC: Earl White
Paul Hickman ✓

3100 S. Cox Rd.



20.1 Greene County
5.3 Springfield

May 22, 1964

Warren and Goodin, Incorporated
Consulting Engineers
3212 East Sunshine
Springfield, Missouri 65804

On May 19, 1964 a representative of the Missouri Water Pollution Board made a field survey of the waste stabilization lagoon being constructed without a construction permit to serve the Francis L. Rogers proposed trailer park in the vicinity of Battlefield Road and Cox Road in Springfield, Missouri. Enclosed you will find a copy of a letter dated May 7, 1964 to Mr. Rogers which is self explanatory.

The Missouri Water Pollution Board is in the process of reviewing plans and specifications submitted by you for the waste stabilization lagoon and sewers to serve this trailer park. The following comments are given for your consideration.

1. A population of 3 people per trailer must be used in sizing the lagoon.
2. It is suggested that the septic tank and tile field be eliminated and the sewer designated as K-Line, J-Line, and B-Line be made to conform to the enclosed sewer profile shown in red. This would allow all waste to be discharged to the lagoon.
3. The over-all plat shows the trailer park to have 101 lots excluding those which are now being used for the lagoon. I discussed the possibility of sewers being provided to this area in the future with the City of Springfield. I was informed that it would be a minimum of 10 years before sewers will be provided to this area. Therefore it will be necessary for the lagoon to be enlarged to handle the 101 trailer spaces or eliminate a portion of the sewers shown connected to the lagoon.
4. The lagoon, as shown on the plans, will have a water surface area at the 3-foot operating level of: $(246) \frac{(58+94)}{2} = 18,696$ square feet.

Your area of 13,224 square feet is the area of the bottom of the lagoon as shown on the plans. Based on 3 people per trailer the lagoon will handle 38 trailers.

May 22, 1964

5. The plans must be approved by the City of Springfield.
6. Before any further action can be taken we must have a letter from the City of Springfield stating they have no objection to this lagoon being located inside the City Limits.
7. It was brought to my attention that Mr. Rogers intends to sell these lots to individuals who intend to place a trailer in this park. If this is the case, who will be responsible for the lagoon maintenance?
8. The layout sheet has been sent to the State Geologist for his report on the lagoon site.

When we receive a reply to the above comments further consideration will be given to the issuance of the construction permit.

John Reece, E.I.T.
Field Engineer
Missouri Water Pollution Board

CC: Greene County Health Department
Paul Hickman, Superintendent Sanitary
Services, Springfield ✓

2. on S. Rev. R.C.